BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate
Item No.

Name of Work: Estimate for Maintenance of Existing Borewell and Laying of Pipe line in Ward No. 06 Byatarayanapura Sub Division

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
1	45	Lifting of Submersible pump set as per Soecification and direction **(P. 56 / I. 10.3.21) PRED SR (2012-13)**	No.	850.00	Rupees Eight Hundred Fifty Only
2	45	Transportation of pumping machineries (**P. 56 / I. 10.3.19) PRED SR (2012-13)**	No.	900.00	Rupees Nine Hundred Only
3	45	Labour charges (over hauling) **P. No. 56 / I No.10.3.22 PRED SR (2012-13)**	No.	550.00	Rupees Five Hundred Fifty Only
4	15	**A) Repairs to Motor:** Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. **PRED SR (2012-13) P No. 54 / I. No. 10.1) (Above 10 HP upto 20 HP add Rs.150/- for every ½ HP) 12.5 HP**	No.	4787.00	Rupees Four Thousand Seven Hundred Eighty Seven Only
5	30	15 HP	No.	5225.00	Rupees Five Thousand Two Hundred Twenty Five Only
6	15	Starter (with one year Guarantee) **P No. 55 / I No. 10.3.3 PRED SR (2012-13)**	No.	5050.00	Rupees Five Thousand Fifty Only
7	30	Rotor (with one year Guarantee) **P No. 55 / I No. 10.3.6) PRED SR (2012-13)**	No.	4700.00	Rupees Four Thousand Seven Hundred Only
8	400	Pump Bowls **P No. 44 / I No. 10.2.1) APRED SR (2010-11)**	No.	650.00	Rupees Six Hundred Fifty Only
9	40	Intermediate Piece (I.P) With IP Leaded Bronxe bush **P No. 44 / I No. 10.2.2) APRED SR (2010-11)**	No.	450.00	Rupees Four Hundred Fifty Only
10	45	Upper Flange **P. No. 56 / I No. 10.3.7 PRED SR (2012-13)**	No.	350.00	Rupees Three Hundred Fifty Only
11	45	Lower Housing **P. No. 56 / I No. 10.3.10 PRED SR (2012-13)**	No.	650.00	Rupees Six Hundred Fifty Only
12	45	Carbon Housing **P. No. 56 / I No.10.3.12 PRED SR (2012-13)**	No.	475.00	Rupees Four Hundred Seventy Five Only
13	45	Thrust bearing block assembly complete with Segment bearing pad.**P. No. 55 / I No.10.3.13 PRED SR (2012-13)**	No.	1150.00	Rupees One Thousand One Hundred Fifty Only
14	45	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal **P. No. 54 / I No.10.2.3 PRED SR (2012-13)**	No.	125.00	Rupees One Hundred Twenty Five Only

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15	45	Oil Seal Steel Bush **P. No. 54 / I No. 10.2.4 PRED SR (2012-13)**	No.	150.00	Rupees One Hundred Fifty Only
16	200	Guide vane **P. No. 54 / I No. 10.2.5 PRED SR (2012-13)**	No.	175.00	Rupees One Hundred Seventy Five Only
17	45	Impeller Shell moulded with aluminium Bronze) **P. No. 54 / I No. 10.2.6 PRED SR (2012-13)**	No.	425.00	Rupees Four Hundred Twenty Five Only
18	65	Discharge outlet (D.O) Bearing D.O Steel Bush **P. No. 55 / I No. 10.2.7 PRED SR (2012-13)**	No.	445.00	Rupees Four Hundred Forty Five Only
19	65	D.O Bearing **P. No. 44 / I No. 10.2.7 PRED SR (2010-11)**	No.	250.00	Rupees Two Hundred Fifty Only
20	325	Steel Bush **P. No.55 / I No. 10.2.9 PRED SR (2012-13)**	Each	150.00	Rupees One Hundred Fifty Only
21	225	Allen Screw **P. No.44 / I No. 10.2.9 RDPR SR (2010-11)**	No	25.00	Rupees Twenty Five Only
22	35	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) **P. No. 55 / I No. 10.2.11 PRED SR (2012-13)**	Rmtr	950.00	Rupees Nine Hundred Fifty Only
23	35	Pump Key (Stainless Steel) **P. No. 45 / I No. 10.2.11 RDED SR (2010-11)**	Nos	125.00	Rupees One Hundred Twenty Five Only
24	45	Pump Couping (Stainless Steel) **P. No. 44 / I No. 10.2.12 RDED SR (2010-11)**	Mtr	250.00	Rupees Two Hundred Fifty Only
25	25	Non – return valve (NRV) assembly complete with rubber 'O' Ring **P. No. 55 / I No. 10.2.14 PRED SR (2012-13)**	Mtr	1350.00	Rupees One Thousand Three Hundred Fifty Only
26	45	Cable Guard **P. No. 55 / I No. 10.2.15 PRED SR (2012-13)**	Mtr	150.00	Rupees One Hundred Fifty Only
27	45	Strainer **P. No. 45 / I No. 10.2.15 RDED SR (2010-11)**	Mtr	150.00	Rupees One Hundred Fifty Only
28	45	Brass Filter **P. No. 55 / I No. 10.2.17 PRED SR (2012-13)**	Mtr	250.00	Rupees Two Hundred Fifty Only
29	45	Labour Chargesw (Over Hauling Only) **P. No. 45 / I No. 10.2.18 PRED SR (2010-11)**	No.	450.00	Rupees Four Hundred Fifty Only
30	40	Re-erection charges of pumping machineries including overhauling and pointing **P. No. 56 / I No. 10.3.20 PRED SR (2012-13)**	Each	950.00	Rupees Nine Hundred Fifty Only
31	60	Lock Ring **P. No. 45 / I No. 10.3.11 PREC SR (2010-11)**	No.	75.00	Rupees Seventy Five Only
32	40	a) Carbon Housing **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	Sq.Cm	450.00	Rupees Four Hundred Fifty Only
33	40	Top Carbon/Ferrodo padding **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	No.	75.00	Rupees Seventy Five Only
34	200	Stud and Nuts **P. No. 45 / I No. 10.3.15 PRED SR (2010-11)**	Cum	50.00	Rupees Fifty Only
35	40	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush **P. No. 46 / I No. 10.3.16 APRDED SR (2010-11)**	Rmtr	375.00	Rupees Three Hundred Seventy Five Only
36	100	Circillps **P. No. 45 / I No. 10.3.17 PREC SR (2010-11)**	Cum	50.00	Rupees Fifty Only
37	25	Motor Base With Pin **P. No. 46 / I No. 10.3.18 ARDED SR (2010-11)**	Each	450.00	Rupees Four Hundred Fifty Only

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38	2	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. **SE RDED Approved Rate PWD SR 2013-14 P. XXXXIII Sl No. 33 Kirloskar Pumps including of all taxes**	No	75541.00	Rupees Seventy Five Thousand Five Hundred Forty One and Seventeen Paise Only
39	4	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.	14800.00	Rupees Fourteen Thousand Eight Hundred Only
40	88000.00	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm	0.34	and Thirty Four Paise Only
41	800.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) **4 Sqm mm of 56 strands 0.3mm dia Group - A KPWD Electrical SR 2010-11**	Mtr	185.00	Rupees One Hundred Eighty Five Only
42	105.00	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)	No's	1696.00	Rupees One Thousand Six Hundred Ninety Six Only
43	63.00	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	232.14	Rupees Two Hundred Thirty Two and Fourteen Paise Only
44	60.00	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	110.56	Rupees One Hundred Ten and Fifty Six Paise Only
45	90.00	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	237.12	Rupees Two Hundred Thirty Seven and Twelve Paise Only

Sl. No.	Approved Quantity	Description	Unit	Rates	
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46	**307.13**	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.4, PWD SR 15-16)	Cum	292.56	Rupees Two Hundred Ninety Two and Fifty Six Paise Only
47	**910.00**	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 102, I.NO - 13.73.1, PWD SR 15-16)	Mtr	366.76	Rupees Three Hundred Sixty Six and Seventy Six Paise Only
48	**307.13**	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 15-16)	Cum	76.32	Rupees Seventy Six and Thirty Two Paise Only
49	**19**	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) **50mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 **P. 97 / I.13.37 PWD SR - 2015-16**	Each	2120.00	Rupees Two Thousand One Hundred Twenty Only
50	**1750.00**	Threading of GI Pipes 50mm Dia P. No. 15 / I No.3.11 PRED SR (2010-11)		23.00	Rupees Twenty Three Only

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Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))